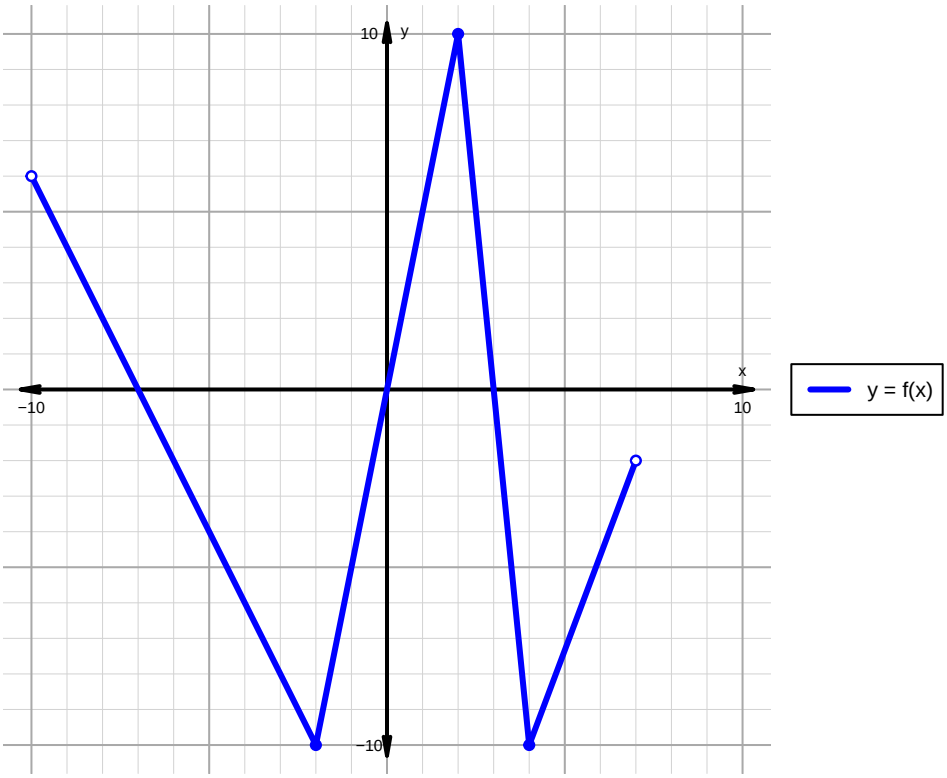
Name: Date:

Function-Feature Intervals (version 3)

1. The function f is graphed below.

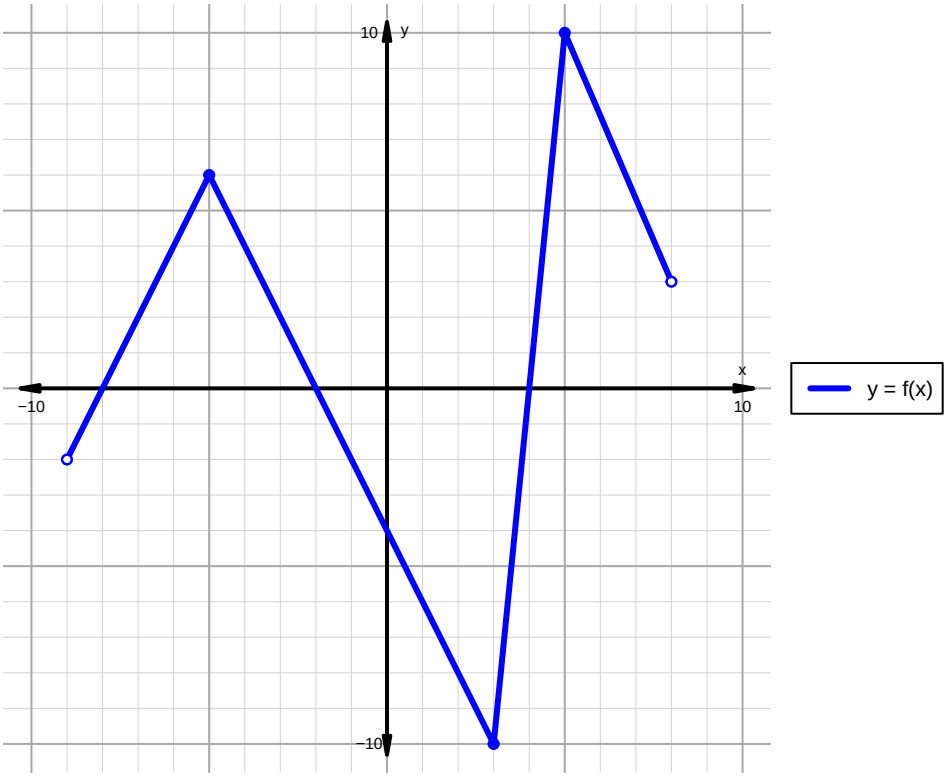


Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-10,-7)\cup(0,3)$
Negative	$(-7,0)\cup(3,7)$
Increasing	$(-2,2)\cup(4,7)$
Decreasing	$(-10,-2)\cup(2,4)$
Domain	$(-10,7)$
Range	$(-10,10)$

Function-Feature Intervals (version 3)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-8,-2)\cup(4,8)$
Negative	$(-9,-8)\cup(-2,4)$
Increasing	$(-9,-5)\cup(3,5)$
Decreasing	$(-5,3)\cup(5,8)$
Domain	$(-9,8)$
Range	$(-10,10)$